

# V&V Summary Report

## L2 ASCDS Version : 10.5.2

Observation 20008 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Feb 7 2017

See [axaff20008N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2017.02.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.07125

## Comments

For ACIS/CC-mode w/ HETG, with no SIM-Z offset, there are no MEG even order counts. MEG even orders overlap with HEG orders in energy, but MEG even order efficiencies are very low. Since HEG and MEG cannot be spatially separated, events are preferentially assigned to HEG. (MEG odd orders can be resolved.) For observations with a SIM-Z offset, MEG negative and MEG positive orders will be missing (off the array), and remove some of the ambiguity.

seq_num	401891	Sequence number
obs_id	20008	Observation id
title	A Hig-Resolution Spectrum of the Black Hole GRS 1716-249	Proposal
observer	Jon Miller	Principal investigator
object	GRS 1716-249	Source name
ra_targ	259.90375	Observer's specified target RA [deg]
dec_targ	-25.017611	Observer's specified target Dec [deg]
ra_nom	259.89409940586	Nominal RA [deg]
dec_nom	-25.014146151564	Nominal Dec [deg]
roll_nom	87.382644595697	Nominal Roll [deg]
revision	1	Processing version of data
ontime	30071.25	Sum of GTIs [s]
livetime	29953.784179688	Livetime [s]
ontime4	30071.25	Sum of GTIs [s]
ontime5	30071.25	Sum of GTIs [s]
ontime6	30071.25	Sum of GTIs [s]
ontime7	30071.25	Sum of GTIs [s]
ontime8	30071.25	Sum of GTIs [s]
ontime9	30071.25	Sum of GTIs [s]
l2events	3182175	Number of level 2 events

